

## Census 2000 Special EEO Tabulation Technical Documentation for SAS Datasets

### Appendix 4.1 : SAS Dataset Descriptions

*NOTE: Although the descriptions below refer to Dataset 1, Dataset 2, etc., each Dataset is really a set of two datasets or versions. For example, Dataset 1 has one version that covers all areas except Hawaii, and a second version that covers only Hawaii. The only difference between these two versions of Dataset 1 is that the Hawaii version has 15 race/ethnicity categories while the version for all areas except Hawaii contains only 12.*

#### **A. Residence Geography**

##### **Census Detailed Occupations/OPM Federal Workforce Occupational Groups**

**Dataset 1.** Civilian Labor Force 16 years and older (Employment Status Recode (ESR) 1-3): Detailed Occupational Categories (472) by Race/Ethnicity (12/15) and Sex (2) for:

- U.S. Total
- All states
- Metropolitan Statistical Areas (MSA) and Primary Metropolitan Statistical Areas (PMSA)
- County Sets (Counties with populations of 50,000 or more or aggregations of counties that together have a population of 50,000 or more.)

**Dataset 2.** Civilian Labor Force 16 years and older (ESR 1-3): OPM Federal Workforce Occupational Groups (268) by Race/Ethnicity (12/15) and Sex (2) for:

- U.S. Total
- All states
- MSAs and PMSAs
- County Sets (Counties with populations of 50,000 or more or aggregations of counties that together have a population of 50,000 or more.)

##### **Aggregated Occupation Groups**

**Dataset 3.** Civilian Labor Force 16 years and older (ESR 1-3): EEO Occupational Groups (14) by Race/Ethnicity (12/15) and Sex (2) for:

- U.S. Total
- All states
- All MSAs and PMSAs
- All counties regardless of size
- All places of 50,000 or more

**Dataset 4.** Civilian Labor Force 16 years and older (ESR 1-3): EEO-1 Job Categories (9) by Race/Ethnicity (12/15) and Sex (2) for:

- U.S. Total
- All states
- All MSAs and PMSAs
- All counties regardless of size
- All places of 50,000 or more

**Dataset 5.** Civilian Labor Force 16 years and older (ESR 1-3): State and Local Government Job Categories (8) by Race/Ethnicity (12/15) and Sex (2) for:

- U.S. Total
- All states
- All MSAs and PMSAs
- All counties regardless of size
- All places of 50,000 or more

### **Younger Age Groups and Educational Attainment**

**Dataset 6.** Civilian Labor Force 16 years and older (ESR 1-3): Race/Ethnicity (12/15), by Sex (2), Younger Age Groups (4), and Educational Attainment (5) for:

- All counties regardless of size
- All places of 50,000 or more

**Dataset 7.** Civilian Labor Force 16 years and older (ESR 1-3): Race/Ethnicity (12/15), by Sex (2) Younger Age Groups (4), and Educational Attainment (6) for:

- U.S. Total
- All states
- All MSAs and PMSAs

## **B. Worksite/Residence Geography**

**Census Detailed Occupations/OPM Federal Workforce Occupational Groups for *COUNTIES only***

**Dataset 8.** Civilian workers 16 years and older (ESR 1): Detailed Census Occupational Categories (471) by Race/Ethnicity (12/15) and Sex (2) for:

- Central worksite county of 50,000 or more, with flows from up to nine individual counties, one of which may be the worksite county itself, each with populations of 50,000 or more who contribute at least 50 unweighted commuters across all occupations.
- One residual area which aggregates all counties not included in the up to nine areas separately identified; this "area" is the balance of the U.S. This residual area includes:
  - \* counties that are not among the nine largest county contributors of commuters to the worksite

- \* counties under 50,000
- \* counties that do not contribute 50 unweighted commuters across all occupations

**Dataset 9.** Civilian workers 16 years and older (ESR 1): OPM Federal Workforce Occupational Groups (268) by Race/Ethnicity (12/15) and Sex (2) for:

- Central worksite county of 50,000 or more, with flows from up to nine individual counties, one of which may be the worksite county itself, each with populations of 50,000 or more who contribute at least 50 unweighted commuters across all occupations.
- One residual area which aggregates all counties not included in the up to nine areas separately identified; this "area" is the balance of the U.S. This residual area includes:
  - \* counties that are not among the nine largest county contributors of commuters to the worksite
  - \* counties under 50,000
  - \* counties that do not contribute 50 unweighted commuters across all occupations

#### **Aggregated Occupations for *COUNTIES only***

**Dataset 10.** Civilian workers 16 years and older (ESR 1): EEO Occupational Groups (14) by Race/Ethnicity (12/15) and Sex (2) for:

- Central worksite county of 50,000 or more, with flows from up to nine individual counties, one of which may be the worksite county itself, each with populations of 50,000 or more who contribute at least 50 unweighted commuters across all occupations.
- One residual area which aggregates all counties not included in the up to nine areas separately identified; this "area" is the balance of the U.S. This residual area includes:
  - \* counties that are not among the nine largest county contributors of commuters to the worksite
  - \* counties under 50,000
  - \* counties that do not contribute 50 unweighted commuters across all occupations

**Dataset 11.** Civilian workers 16 years and older (ESR 1): EEO-1 Job Categories (9) by Race/Ethnicity (12/15) and Sex (2) for:

- Central worksite county of 50,000 or more, with flows from up to nine individual counties, one of which may be the worksite county itself, each with populations of 50,000 or more who contribute at least 50 unweighted commuters across all occupations.

- One residual area which aggregates all counties not included in the up to nine areas separately identified; this "area" is the balance of the U.S. This residual area includes:
  - \* counties that are not among the nine largest county contributors of commuters to the worksite
  - \* counties under 50,000
  - \* counties that do not contribute 50 unweighted commuters across all occupations

**Dataset 12.** Civilian workers 16 years and older (ESR 1): State and Local Government Job Categories (8) by Race/Ethnicity (12/15) and Sex (2) for:

- Central worksite county of 50,000 or more, with flows from up to nine individual counties, one of which may be the worksite county itself, each with populations of 50,000 or more who contribute at least 50 unweighted commuters across all occupations.
- One residual area which aggregates all counties not included in the up to nine areas separately identified; this "area" is the balance of the U.S. This residual area includes:
  - \* counties that are not among the nine largest county contributors of commuters to the worksite
  - \* counties under 50,000
  - \* counties that do not contribute 50 unweighted commuters across all occupations

#### **Younger Age Groups and Educational Attainment for *COUNTIES only***

**Dataset 13.** Civilian workers 16 years and older (ESR 1): Race/Ethnicity (12/15), by Sex (2), Younger Age Groups (4), and Educational Attainment (5) for:

- Central worksite county of 50,000 or more, with flows from up to nine individual counties, one of which may be the worksite county itself, each with populations of 50,000 or more who contribute at least 50 unweighted commuters across all occupations.
- One residual area which aggregates all counties not included in the up to nine areas separately identified; this "area" is the balance of the U.S. This residual area includes:
  - \* counties that are not among the nine largest county contributors of commuters to the worksite
  - \* counties under 50,000
  - \* counties that do not contribute 50 unweighted commuters across all occupations

#### **Census Detailed Occupations/OPM Federal Workforce Occupational Groups for *COUNTIES AND PLACES***

**Dataset 14.** Civilian workers 16 years and older (ESR 1): Detailed Census Occupational Categories (471) by Race/Ethnicity (12/15) and Sex (2) for:

- Central worksite place with flows from up to nine individual counties, places, and balance of counties, one of which may be the worksite place itself, each with populations of 50,000 or more who contribute at least 50 unweighted commuters across all occupations.
- One residual area which aggregates all counties, places, and balance of counties not included in the nine areas separately identified; this "area" is the balance of the U.S. This residual area includes:
  - \* counties, places, and balance of counties that are not among the nine largest county contributors of commuters to the worksite
  - \* counties and places under 50,000
  - \* counties and places that do not contribute 50 commuters across all occupations

**Dataset 15.** Civilian workers 16 years and older (ESR 1): OPM Federal Workforce Occupational Groups (268) by Race/Ethnicity (12/15) and Sex (2) for:

- Central worksite place with flows from up to nine individual counties, places, and balance of counties, one of which may be the worksite place itself, each with populations of 50,000 or more who contribute at least 50 unweighted commuters across all occupations.
- One residual area which aggregates all counties, places, and balance of counties not included in the nine areas separately identified; this "area" is the balance of the U.S. This residual area includes:
  - \* counties, places, and balance of counties that are not among the nine largest county contributors of commuters to the worksite
  - \* counties and places under 50,000
  - \* counties and places that do not contribute 50 commuters across all occupations

### **Aggregated Occupations for *COUNTIES AND PLACES***

**Dataset 16.** Civilian workers 16 years and older (ESR 1): EEO Occupational Groups (14) by Race/Ethnicity (12/15) and Sex (2) for:

- Central worksite place with flows from up to nine individual counties, places, and balance of counties, one of which may be the worksite place itself, each with populations of 50,000 or more who contribute at least 50 unweighted commuters across all occupations.
- One residual area which aggregates all counties, places, and balance of counties not included in the nine areas separately identified; this "area" is the balance of the U.S. This residual area includes:
  - \* counties, places, and balance of counties that are not among the nine largest county contributors of commuters to the worksite
  - \* counties and places under 50,000

\* counties and places that do not contribute 50 commuters across all occupations

**Dataset 17.** Civilian workers 16 years and older (ESR 1): EEO-1 Job Categories (9) by Race/Ethnicity (12/15) and Sex (2) for:

- Central worksite place with flows from up to nine individual counties, places, and balance of counties, one of which may be the worksite place itself, each with populations of 50,000 or more who contribute at least 50 unweighted commuters across all occupations.
- One residual area which aggregates all counties, places, and balance of counties not included in the nine areas separately identified; this "area" is the balance of the U.S. This residual area includes:
  - \* counties, places, and balance of counties that are not among the nine largest county contributors of commuters to the worksite
  - \* counties and places under 50,000
  - \* counties and places that do not contribute 50 commuters across all occupations

**Dataset 18.** Civilian workers 16 years and older (ESR 1): State and Local Government Job Categories (8) by Race/Ethnicity (12/15) and Sex (2) for:

- Central worksite place with flows from up to nine individual counties, places, and balance of counties, one of which may be the worksite place itself, each with populations of 50,000 or more who contribute at least 50 unweighted commuters across all occupations.
- One residual area which aggregates all counties, places, and balance of counties not included in the nine areas separately identified; this "area" is the balance of the U.S. This residual area includes:
  - \* counties, places, and balance of counties that are not among the nine largest county contributors of commuters to the worksite
  - \* counties and places under 50,000
  - \* counties and places that do not contribute 50 commuters across all occupations

### **Younger Age Groups and Educational Attainment for *COUNTIES AND PLACES***

**Dataset 19.** Civilian workers 16 years and older (ESR 1): Race/Ethnicity (12/15), by Sex (2), Younger Age Groups (4), and Educational Attainment (5) for:

- Central worksite place with flows from up to nine individual counties, places, and balance of counties one of which may be the worksite place itself, each with populations of 50,000 or more who contribute at least 50 unweighted commuters across all occupations.

- One residual area which aggregates all counties, places, and balance of counties not included in the nine areas separately identified; this "area" is the balance of the U.S. This residual area includes:
  - \* counties, places, and balance of counties that are not among the nine largest county contributors of commuters to the worksite
  - \* counties and places under 50,000
  - \* counties and places that do not contribute 50 commuters across all occupations

### C. Worksite Geography

#### **Census Detailed Occupations Cross-Classified by Selected Characteristics**

**Dataset 20.** Civilian workers 16 years and older (ESR 1): Detailed Occupational Categories (471) by Race/Ethnicity (12), Sex (2), and Educational Attainment (6) for:

- U.S. Total

(For dataset 20 only, there is no comparable dataset created for Hawaii.)

**Dataset 21.** Civilian workers 16 years and older (ESR 1): Detailed Occupational Categories (471) by Race/Ethnicity (12/15), Sex (2), and Educational Attainment (5) for:

- Counties and places of 100,000 or more

**Dataset 22.** Civilian workers 16 years and older (ESR 1): Detailed Occupational Categories (471) by Race/Ethnicity (12/15), Sex (2), and Older Age Groups (4) for:

- U.S. Total
- Counties and places of 100,000 or more

**Dataset 23.** Civilian workers 16 years and older (ESR 1): Detailed Occupational Categories (471) by Race/Ethnicity (12/15), Sex (2), and Industry (88) for:

- U.S. Total
- Counties and places of 100,000 or more

**Dataset 24.** Civilian workers 16 years and older (ESR 1): Detailed Occupational Categories (471) by Race/Ethnicity (12/15), Sex (2), and Earnings (8) for:

- U.S. Total
- Counties and places of 100,000 or more

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**Notes:**

1. (Dataset numbers 1 - 24): The number of race/ethnic categories is 12 for the U.S. total and all states, except Hawaii. There are 15 race/ethnic categories for Hawaii.
2. (Dataset Numbers 1 - 7): There is an additional occupational category on the Residence Geography datasets that does not appear on the Worksite/Residence and Worksite datasets. The additional category is Unemployed, with no work experience since 1995 (Census code 992).

The universe for the Residence iterations includes:

- ESR 1 = Civilian employed, at work
- ESR 2 = Civilian employed, with a job but not at work
- ESR 3 = Unemployed

3. (Dataset Numbers 1, 3 - 7): In order for the user to total the Residence data sets to the total Civilian Labor Force, Census code 992 is expanded to include people who are 16 years and older who have never worked, and people who have worked since 1995, but whose last job was in the military.
4. (Dataset Number 2): In order for the user to total the Residence and Commuter Flow data for OPM Occupational Groups, code 998 is added and includes all people not included in any otherwise specified census code.
5. (Dataset Numbers 8 - 24): Not all occupational categories will always show in a particular dataset. Individual occupations are shown only if there are three or more unweighted cases for each occupation. If there are not three unweighted cases within a particular occupation, that occupation is aggregated into the individual occupations included in U.S. balance.

The universe for the Worksite/Residence Geography and Worksite Geography is ESR 1 = Civilian employed, at work. Code 992 is Unemployed, with no work experience since 1995, and is not included in ESR 1.

6. (Dataset Numbers 14 - 19): If the subtraction of a place of 50,000 or more from a county creates a balance of county less than 50,000, the place is not shown separately. Aggregates of counties and places are not part of these data sets; there are no data for worksites under 50,000 or aggregates of those worksites. Thus, the worksites do not add up to the U.S. total, but the sum of the 10 areas around a worksite do add up to the total number of workers in the worksite.
7. (Dataset Numbers 20 - 24): If the subtraction of a place of 100,000 or more from a county creates a balance of county less than 100,000, the place is not shown separately. Aggregates of counties and places are not part of these data sets; there are no data for worksites under 100,000. Thus, the worksites do not add up to the U.S. total. These are worksite datasets only, there are no commuter flows.